Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VETSA N V K S SWAROOP

for successfully completing the course

Python for Data Science

with a consolidated score of **70** %

Online Assignments	25/25	Proctored Exam	45.15/75

Total number of candidates certified in this course: **11953**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024

(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL24CS54S640500416

To verify the certificate

No. of credits recommended: 1 or 2